

NUTRIENT MANAGEMENT (CSP Enhancements)
Colorado Enhancement Activity Job Sheet N-13

January 2005

Name:

Nitrogen and Phosphorus sampling and application based on 40 acres or less grid soil sampling size

Payment = \$ 1.00 / Acre / Year to apply phosphorous and nitrogen based on 40 acres or less grid soil sampling size.

Enhancements activities refer to actions that provide resource benefits beyond the level prescribed by the Natural Resources Conservation Service (NRCS) Conservation Practice Standards. Once implemented, enhancement activities should result in an observable or measurable improvement to the condition of one or more of the soil, water, air, plant, or animal resources, or provide for more efficient resource utilization and/or energy conservation.

Soil sampling areas are 40 acres or less. Commercial Phosphorus (P) is only applied on areas with soil test levels that are low enough to have P recommended by the state land grant university. If irrigated, Irrigation Water Management (449) is applied. Irrigation water analyses are conducted for nitrates and all sources of Nitrogen (N) are credited in determining N application rates.

Appropriate timing and/or method is used to maximize efficiency including spring only application, side-dress (growing season only), split application (spring and growing season only), and/or chemigation through sprinkler irrigation systems (growing season only) for nitrogen in summer row crops. Split application for nitrogen in small grain is at planting time and late winter to early spring.

Documentation Required: Farmer or crop consultant certification of nutrient application with 40 acre or less grid soil sampling size. Use the following Tables for documentation of sampling and application. An example is provided to assist you.

| Tract & Field #s or Names | Acres represented by soil test | Date of soil test | Soil test lab # |
|---------------------------|--------------------------------|-------------------|-----------------|
| T4684 - 1 | 35 <i>Example</i> | 09/01/03 | 17585 |
| Smith farm - fld#3 | 17 | 03/01/04 | 16854 |

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Nutrient Application Records:

| Tract & Field #s or Names | Acres | Crop | Nutrient | Agronomic Rate | Applied Rate | Date Applied |
|---------------------------|-------|---------|----------|----------------|--------------|--------------|
| T4684 - 1 | 35 | Wheat | N | 100 | 60 | 10/15 |
| T4684 - 1 | 35 | Wheat | N | 100 | 40 | 3/22 |
| T486-1 | 35 | Wheat | P | 15 | 15 | 10/15 |
| Smith farm - fld#3 | 17 | sorghum | N | 120 | 60 | 4/20 |
| Smith farm - fld#3 | 17 | sorghum | N | 60 | 60 | 6//1 |
| Smith farm - fld#3 | 17 | sorghum | P | 25 | 25 | 4/20 |

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[illegible]

I certify that I have applied nitrogen and phosphorus based on 40 acres or less grid soil sampling size to the field(s) listed in the Table above.

Name: _____ Date: _____